

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FI 03/00445

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 D21G1/00

10 Rec's 02 DEC 2005

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 D21G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 736 678 A (STOTZ WOLF-GUNTER) 12 April 1988 (1988-04-12) column 3, line 4 - line 12 column 5, line 61 -column 6, line 9; figure 1 abstract	1-8
Y	US 6 129 011 A (CRAMER DIRK) 10 October 2000 (2000-10-10) column 3, line 66 -column 4, line 8; figure 1 abstract	1-8
A	US 4 597 275 A (SCHNEID JOSEF ET AL) 1 July 1986 (1986-07-01) figure 4 abstract	1-8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

13 August 2003

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10. 09. 03

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 389 933 A (PAV JOSEF) 28 June 1983 (1983-06-28) figure 1 abstract -----	1-8

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FI 03/00445

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PATENTTIHAKEMUS NRO  20021084	LUOKITUS  IPC 7; D 21 G 1/00
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<b>TUTKITTU AINEISTO</b>
Patenttijulkaisukokoelma (FI, SE, NO, DK, DE, CH, EP, WO, GB, US), tutkitut luokat D 21 G
Tiedonhaut ja muu aineisto EPODOC, WPI, PAJ

VIITEJULKAISUT		
Kategoria*)	Julkaisun tunnistetiedot	Koskee vaatimuksia
X	FI 86091 (D 21 G 1/00) <i>connex. US 4,736,678</i>	1, 2, 3, 4, 5
A	FI 83346 (D 21 G 1/00)	
A	FI/EP 0735185 (D 21 G 1/00)	
<p>*) X Patentoitavuuden kannalta merkittävä julkaisu yksinään tarkasteltuna Y Patentoitavuuden kannalta merkittävä julkaisu, kun otetaan huomioon tämä ja yksi tai useampi samaan kategoriaan kuuluva julkaisu A Yleistä tekniikan tasoa edustava julkaisu, ei kuitenkaan patentoitavuuden este</p>		
Päiväys	Tutkija	
9.12.2002	Petteri Pulli	